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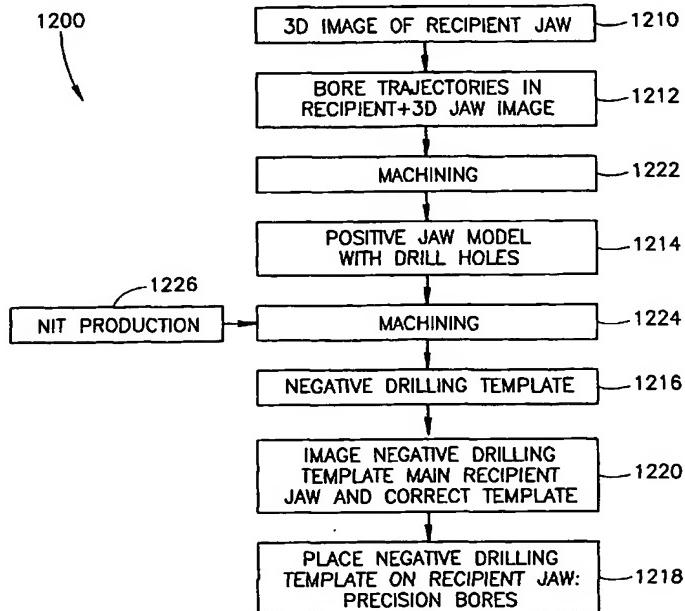
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US 60/348,382 (CIP)
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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
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6 May 2004
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(54) Title: ORAL IMPLANT TEMPLATE



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(57) Abstract: A method for producing an artifact-corrected image of a negative jaw impression in a recipient jaw comprising, forming a negative impression of said recipient jaw, producing a first digital image of said negative jaw impression, producing a second digital image, including said artifacts of said negative jaw impression in said recipient jaw and using said first digital image to produce an artifact-corrected computer representation of said negative impression in said recipient jaw.

INTERNATIONAL SEARCH REPORT

Intern. Application No
PCT/IL 03/00043

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 A61C13/00 A61C1/08 A61B6/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 A61C A61B G06T

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 725 376 A (POIRIER MICHEL) 10 March 1998 (1998-03-10) cited in the application the whole document —	1
A	US 5 927 982 A (KRUGER BERNARD M) 27 July 1999 (1999-07-27) cited in the application the whole document —	1
A	FR 2 700 039 A (GEN ELECTRIC CGR) 1 July 1994 (1994-07-01) the whole document —	1
X	DE 100 29 256 A (WOLZ STEFAN) 30 November 2000 (2000-11-30) the whole document —	20-22, 24,28-30
A	—	1
	-/-	

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

17 July 2003

Date of mailing of the international search report

25.07.2003

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INTERNATIONAL SEARCH REPORT

Interr	Application No
PCT/IL 03/00043	

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 118 845 A (SIMON DAVID A ET AL) 12 September 2000 (2000-09-12) the whole document -----	31
A	EP 0 544 505 A (GEN ELECTRIC) 2 June 1993 (1993-06-02) the whole document -----	31

INTERNATIONAL SEARCH REPORTInternational application No.
PCT/IL 03/00043**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:

2. Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:

3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.

2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.

3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:

4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- The additional search fees were accompanied by the applicant's protest.
- No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. Claims: 1-19

Method for producing an artifact-corrected image of a negative jaw impression

2. Claims: 20-30

Method for producing a model of a recipient jaw from which a drilling template is machined

3. Claims: 31-43

Digital image merging system

INTERNATIONAL SEARCH REPORT

Information on patent family members

Internat'l Application No

PCT/IL 03/00043

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
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